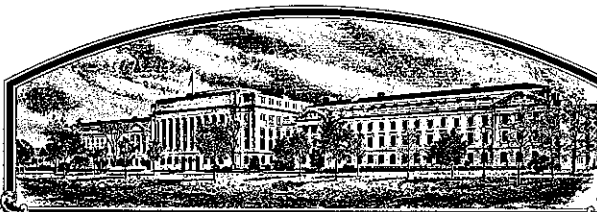


No.

8300024



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Joseph Harris Company, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXPOSE THE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT OF AUGUST 19, 1930, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

RADISH

'Red King'



In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 30th day of December in the year of our Lord one thousand nine hundred and eighty-three.

Attest:

Kenneth A. Evans
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

John R. Block
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

FORM APPROVED: OMB NO. 0581-0005

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1. NAME OF APPLICANT(S) <div style="text-align: center;">JOSEPH HARRIS COMPANY, INC.</div>		2. TEMPORARY DESIGNATION 		3. VARIETY NAME <div style="text-align: center;">Red King</div>	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) 3670 Buffalo Road Rochester, New York 14624		5. PHONE (Include area code) 716-594-9411		<div style="text-align: center;">FOR OFFICIAL USE ONLY</div> PVPO NUMBER <div style="text-align: center; font-size: 1.2em;">8300024</div>	
6. GENUS AND SPECIES NAME <u>Raphanus sativus</u>		7. FAMILY NAME (Botanical) <div style="text-align: center;">Cruciferae</div>		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">FILING</div> <div style="text-align: right;"> DATE 11/19/82 TIME 1:00 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M. </div> </div>	
8. KIND NAME Radish		9. DATE OF DETERMINATION <div style="text-align: center;">October, 1982</div>		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">FEES RECEIVED</div> <div style="text-align: right;"> AMOUNT FOR FILING \$ 1,000 DATE 11/19/82 AMOUNT FOR CERTIFICATE \$ 500.00 DATE 11/22/83 </div> </div>	
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) <div style="text-align: center;">Corporation</div>				12. DATE OF INCORPORATION <div style="text-align: center;">1928</div>	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION <div style="text-align: center;">New York</div>					
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Mr. Peer Jensen Joseph Harris Co., Inc. 3670 Buffalo Road Rochester, New York 14624					
14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 48%;"> a. <input checked="" type="checkbox"/> Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.) b. <input checked="" type="checkbox"/> Exhibit B, Novelty Statement </div> <div style="width: 48%;"> c. <input checked="" type="checkbox"/> Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.) d. <input checked="" type="checkbox"/> Exhibit D, Additional Description of the Variety </div> </div>					
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.) <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Yes (If "Yes," answer items 16 and 17 below) <input checked="" type="checkbox"/> No </div>					
16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> Foundation <input type="checkbox"/> Registered <input type="checkbox"/> Certified		
18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES? <div style="text-align: right;"> <input type="checkbox"/> Yes (If "Yes," give names of countries and dates) <input checked="" type="checkbox"/> No </div>					
19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES? <div style="text-align: right;"> <input type="checkbox"/> Yes (If "Yes," give names of countries and dates) <input checked="" type="checkbox"/> No </div>					
20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable. The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF APPLICANT 				DATE <div style="text-align: center; font-size: 1.2em;">11/4/82</div>	
SIGNATURE OF APPLICANT 				DATE <div style="text-align: center; font-size: 1.2em;">1</div>	

HARRIS SEEDS

JOSEPH HARRIS COMPANY, INC.
 Moreton Farm, Rochester, New York 14624
 716-594-9411 or 247-3963
 Twx No. 510 253 3587

RED KING

14 A. Exhibit A, Origin and Breeding History of the Variety.

1. Red King was derived from a cross between the two commercial cultivars Fancy Red and Champion.
2. Fancy Red carries resistances to Fusarium wilt (Fusarium oxysporum f#sp. conglutinans race 2), and field resistance to black-root (Aphanomyces raphani) and root-scurf (Rhizoctonia solani). Fancy Red, however, is susceptible to club root (Plasmodiophora brassicae). Champion, on the other hand, carries resistance to club root, race 6, but susceptible to other three diseases.
3. The F 1 population of Fancy Red x Champion was screened in the greenhouse for resistance to club root, race 6. Fourty resistant plants were selected, potted and mass-pollinated.
4. The F 2 population was screened for resistances to Fusarium, club root race 6, black-root, and root scurf. Twenty five resistant plants were selected and back crossed to Fancy Red.
5. After Step 4, there were four generations of screening for the diseases mentioned in paragraph 2, followed by selections for horticultural qualities. Selected plants were either selfed or mass pollinated.
6. After Step 5, twenty five individual plant selections, that were near-homozygous and homogenous for disease-resistance and horticultural qualities, were pooled and massed together.
7. After Step 6, there followed two generations of selections and mass increase.
8. Performance trials in New York, Florida and Oregon convinced us that one of the sub lines, ACH/1261, resulting from this program, is highly stable, uniform, and carries resistances to Fusarium, and club-root race 6, and field resistances to black-root and root-scurf.
9. ACH/1261 was named Red King, and will be released as a novel variety, being distinct, uniform and stable.
10. There are no variants found in Red King.

8300024

HARRIS SEEDS

JOSEPH HARRIS COMPANY, INC.
Moreton Farm, Rochester, New York 14624
716-594-9411 or 247-3963
Twx No. 510 253 3587

RED KING

14 B. Exhibit B, Novelty Statement

Red King most closely resembles Fancy Red. However, Red King is resistant to club root race 6, whereas Fancy Red is susceptible.

Red King is the only commercial cultivar on the U.S. market that combines resistance to club root race 6, Fusarium wilt, black-root and root-scurf.

HARRIS SEEDS

JOSEPH HARRIS COMPANY, INC.
Moreton Farm, Rochester, New York 14624
716-594-9411 or 247-3963
Twx No. 510 253 3587

RED KING

14 D Exhibit D - Additional Description of Variety.

Red King has uniform, medium green tops, that are comparable in size to the tops of Fancy Red. The roots are medium-sized, and bright red in color. They are round globe in shape and show good degree of crispness, and resistance to splitting.

Red King reaches the marketable stage in around 25 days. Because of its strong, medium-sized tops, Red King is suitable for bunching and packaging. Red King is most useful in soil infested with diseases, especially Fusarium and club root, race 6.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Radish)

OBJECTIVE DESCRIPTION OF VARIETY
RADISH (*Raphanus sativus* L.)

NAME OF APPLICANT(S) JOSEPH HARRIS COMPANY, INC.	VARIETY NAME OR TEMPORARY DESIGNATION RED KING
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) 3670 Buffalo Road Rochester, New York 14624	FOR OFFICIAL USE ONLY PVPO NUMBER 8300024

Place numbers in the boxes (e.g.) for the characters that best describe this variety.

1. TYPE:

<input type="text" value="1"/>	1 = ANNUAL	2 = BIENNIAL	<input type="text" value="2"/> <input type="text" value="5"/>	DAYS FROM SOWING TO MARKET MATURITY
NO. DAYS	<input type="text" value="1"/> EARLIER	THAN	<input type="text" value="1"/>	1 = CHERRY BELLE
	<input type="text" value="1"/> LATER		<input type="text" value="1"/>	2 = CRIMSON GIANT
			<input type="text" value="1"/>	3 = SPARKLER
				4 = CHINESE WHITE

2. TOP (leaf at market maturity):

<input type="text" value="3"/>	1 = SHORT (< 12 cm)	2 = MEDIUM (12 - 15 cm)	3 = LARGE (> 15 cm)
<input type="text" value="0"/> <input type="text" value="6"/>	NO. OF TRUE LEAVES		
<input type="text" value="2"/>	LEAF LENGTH/WIDTH RATIO: 1 = 1.5:1 2 = 2:1 3 = 2.5:1 4 = 3:1		
<input type="text" value="2"/>	NO. OF PAIRS OF LATERAL PINNAE	<input type="text" value="2"/>	1 = GLABROUS 2 = HIRSUTE
<input type="text" value="2"/>	1 = LIGHT GREEN (GIANT WHITE GLOBE) 2 = MEDIUM GREEN (CHAMPION)		
	3 = DARK GREEN (EARLY SCARLET GLOBE MED. TOP)		

3. STEM (at flowering):

<input type="text" value="7"/> <input type="text" value="5"/>	HEIGHT cm:
<input type="text" value="1"/> <input type="text" value="2"/>	NO. OF INTERNODES

4. INFLORESCENCE:

<input type="text" value="3"/> <input type="text" value="0"/>	NO. OF FLOWERS PER RACEME	<input type="text" value="2"/> <input type="text" value="9"/>	mm MEDIAN DIAMETER OF FLOWERS
<input type="text" value="2"/>	FLOWER COLOR: 1 = WHITE 2 = PINK 3 = PURPLE 4 = YELLOW 5 = OTHER (Specify)		
<input type="text" value="2"/>	VEINS: 1 = NONCONTRASTING 2 = DARK VEINED		

5. FRUIT:

<input type="text" value="6"/> <input type="text" value="0"/>	mm LENGTH OF SILIQUE
<input type="text" value="0"/> <input type="text" value="8"/>	mm MAXIMUM DIAMETER
<input type="text" value="8"/>	MEDIAN NO. OF SEEDS PER SILIQUE
<input type="text" value="4"/>	SEED COLOR: 1 = ORANGE 2 = RED 3 = RED-BROWN 4 = BROWN
<input type="text" value="1"/>	BEAK: 1 = SHORTER 2 = EQUAL 3 = LONGER THAN POD
<input type="text" value="1"/> <input type="text" value="0"/>	GRAMS PER 1,000 SEEDS

PLANT VARIETY PROTECTION REGISTRATION ASSIGNMENTS

Clause, S.A. to Harris Moran Seed Company

WHEREAS, Clause, S.A. ("Assignor"), a corporation organized and existing under the laws of France, has sold and transferred assets, including plant variety protection registrations, to Harris Moran Seed Company ("Assignee"), a corporation organized and existing under the laws of the State of Maryland;

WHEREAS, Assignor, is the owner of the following plant variety protection registrations:

<u>VARIETY NAME</u>	<u>Registration No.</u>	<u>Issue Date</u>
BLUE DUET	7900038	01/14/82
SCORE	7900039	07/15/82
TOP NET SR	8300113	08/31/84
TOP NET	8000020	07/31/80
SNOWBALL 123	7900066	11/27/79
BISHOP	8300155	02/22/85
DEACON	8300156	01/25/85
LITTLE FINGERS	8200068	12/30/82
EL TORO MI	8200027	04/28/83
DELMAR MI	8000082	12/10/81
GREENFIELD MI	8400013	02/19/88
VAN MOR MI	8100172	03/29/83
YUMA MI	8100167	03/29/85

RED KING	8300024	12/30/83
MORAN 3053	8200105	11/26/82
ADVANTAGE	8200104	10/28/82
HARRIS MORAN 3075	8300172	11/29/85
ROYAL GEM	8200045	09/23/82
SUN GOLD	8200061	03/24/83

WHEREAS, Assignor is desirous of selling and Assignee is desirous of acquiring the aforesaid plant variety protection registrations of Assignor.

NOW THEREFORE, for \$10.00 and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, by these presents sells, assigns and transfers to Assignee, its successors and assigns, all right title and interest in and to the above-referenced plant variety protection registrations, to be held and enjoyed by said Assignee, as fully as the same would have been enjoyed by said Assignor, had this assignment not been made.

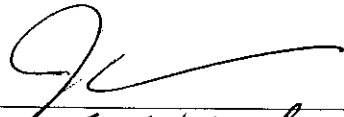
Assignor also assigns and transfers to Assignee, any and all causes of action, claims, demands, or other rights occasioned from or because of any and all past infringement of any of the above referenced plant variety protection registrations.

Assignor further agrees that upon request, it will execute any and all documents necessary to vest all rights, title and interest in and to the above-referenced plant variety protection registrations

IN WITNESS WHEREOF, said Assignor, has affixed its signature hereto this 22 day of

January, 1997.

CLAUSE, S.A.

By: 
Name: John W. Fowler
Title: Chairman

ASSIGNMENT

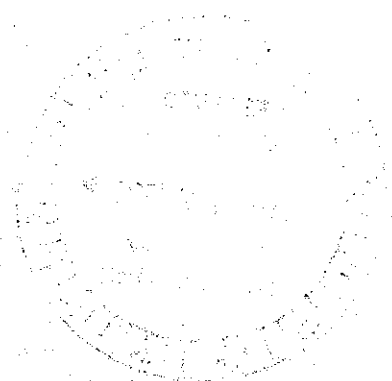
WHEREAS, Joseph Harris Company, Inc. ("Harris"), a corporation duly organized and existing under the laws of the State of Delaware is the owner of United States Plant Variety Protection Certificates listed in Exhibit A hereto; and

WHEREAS, in accordance with a Technology Transfer Agreement (the "Transfer Agreement") among Celanese Corporation ("Celanese"), Moran Seeds, Inc., Harris, CelPril Industries, Inc., Harris Moran International B.V. ("Sellers"), Virginia Chemicals, Inc., Les Produits Organiques du Santerre-Orsan S.A. ("Orsan"), HMS, CP Acquisition Inc., and Exploitiemaatschappij Wolwevershaven B.V., dated January 10, 1985, and a Purchase Agreement dated December 7, 1985, as amended, among Celanese, Sellers and Orsan, has purchased from Harris said United States Plant Variety Protection Certificates.

NOW, THEREFORE, in accordance with said Transfer Agreement and Purchase Agreement, Harris assigns to Orsan all of its rights, title and interest in and to said United States Plant Variety Protection Certificates.

Harris hereby authorizes Orsan to apply for and obtain the recordation of this Assignment. Harris agrees that it shall, without further consideration, promptly and duly cause to be performed such lawful acts and execution of any other documents as Orsan may reasonably request in order for Orsan to obtain the full benefits of this Assignment and to permit Orsan to be duly recorded in each office, bureau and tribunal in the appropriate jurisdiction as the registered owner or proprietor of each of the rights hereby assigned. Such instruments and documents shall include, without limitation, such applications, affidavits and other documents for filing in such jurisdictions as Orsan may from time to time reasonably request.

By these presents HMS does hereby accept this Assignment and authorize the recording thereof with the appropriate authorities aforesaid.



IN WITNESS WHEREOF, the parties have caused this Assignment to be executed by its proper officers thereunto duly authorized this 10th day of January, 1985.

JOSEPH HARRIS COMPANY, INC.,
Assignor

By: David A. Jenkins

David A. Jenkins
Vice President

LES PRODUITS ORGANIQUES DU
SANTERRE-ORSAN S.A.

Assignee

By: AL

Title: Attorney-in-fact

STATE OF New York
COUNTY OF New York

Before me, a Notary Public, in and for said County, personally appeared David Jenkins who acknowledged that he is Vice President of Joseph Harris Company, Inc., the corporation which executed the foregoing instrument and who acknowledged he signed said instrument on behalf of said corporation by authority of its Board of Directors; and that said instrument is the free corporate act and deed of said Joseph Harris Company, Inc.

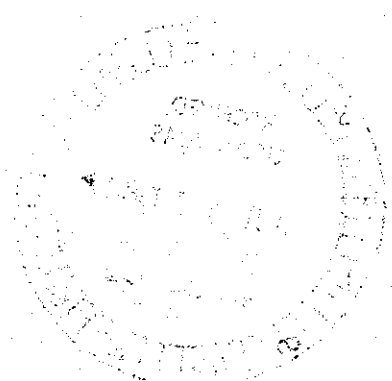
Sworn before me at New York this 10th day
of January, 1985

Alex C. Lengyel
NOTARY PUBLIC

(Notary Public)

My Commission Expires:

ALEX C. LENGYEL
Notary Public, State of New York
No. 31-4805123
Qualified in New York County
Commission Expires March 30, 1986



STATE OF New York
COUNTY OF New York

Before me, a Notary Public, in and for said County, personally appeared Patrice LeHodey who acknowledged that he is Representative of Les Produits Organiques du Santerre-Orsan S.A. the corporation which executed the foregoing instrument and who acknowledged he signed said instrument on behalf of said corporation by authority of its Board of Directors; and that said instrument is the free corporate act and deed of said Les Produits Organiques du Santerre-Orsan S.A.

Sworn before me at New York this 10th day of January, 1985.

Alex C. Lengyel
NOTARY PUBLIC

(Notary Public)

My Commission Expires:

ALEX C. LENGYEL
Notary Public, State of New York
No. 31-4805123
Qualified in New York County
Commission Expires March 30, 1986

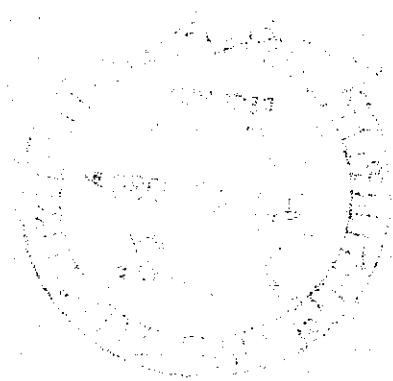


Exhibit A

United States Plant Variety Protection Certificates

<u>Cert. No.</u>	<u>Date Issued</u>	<u>Kind</u>	<u>Variety Name</u>	<u>Owner</u>
7200087	8/8/75	Marigold	Gypsy Sunshine	Joseph Harris Company, Inc.
7605018	9/28/77	Marigold	Cabaret Orange	Joseph Harris Company, Inc.
7800033	12/21/78	Radish	Fancy Red	Joseph Harris Company, Inc.
7800086	1/25/79	Lettuce	Deep Red	Joseph Harris Company, Inc.
8200045	9/23/82	Turnip	Royal Gem	Joseph Harris Company, Inc.
8200068	12/30/82	Egg Plant	Little Fingers	Joseph Harris Company, Inc.
8300024	12/30/83	Radish	Red King	Joseph Harris Company, Inc.

DEED OF ASSIGNMENT

WHEREAS, Les Produits Organiques du Santerre - ORSAN (S.A.), a French corporation having a place of business at 16 rue Ballus, 75009 Paris, France (hereinafter referred to as "ASSIGNOR") owns and is using the Plant Variety Protection Certificates listed on the attached Exhibit for the indicated varieties which were awarded to ASSIGNOR by the Secretary of Agriculture on the indicated dates upon applications filed with the United States Plant Variety Protection Office; and

WHEREAS, Arisix (S.A.), a French corporation having a place of business at 61 rue des Belles Feuilles, 75116 Paris, France,

(hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the said varieties and Plant Variety Protection Certificates;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said varieties and said Plant Variety Protection Certificates in the United States including reissues, and including the right to enforce such rights against any past, present or future violation thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any right, title and interest assigned and transferred hereby.

ASSIGNOR further agrees that it will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the assignment of said Certificates and the perfection of all rights thereto, execute, verify, acknowledge and deliver all such further papers and instruments of assignment and transfer

IN TESTIMONY WHEREOF, an authorized representative of ASSIGNOR
has hereunto signed its name to this assignment on the date indicated below.

Date: 1/11/95

Sh. Shier

Print Name

Print Title

(Notaire)

Vu pour certification matrimoniale
de 16 signature figurer
sécours, de 16
Roller
Roller
fait à Paris, le 11 1 1999

Notaires

LIEN SCOP & SCHNEUREL

Notaires

LIEN SCOP & SCHNEUREL

716

DEED OF ASSIGNMENT

WHEREAS, Arisix (S.A.), a French corporation having a place of business at 61 rue des Belles Feuilles, 75116 Paris, France (hereinafter referred to as "ASSIGNOR") owns and is using the Plant Variety Protection Certificates listed on the attached Exhibit for the indicated varieties which were awarded to ASSIGNOR by the Secretary of Agriculture on the indicated dates upon applications filed with the United States Plant Variety Protection Office; and

WHEREAS, Clause (S.A.), a French corporation having a place of business at 1 Avenue Lucien Clause, 91221 Bretigny sur ORGE Cedex, France,

(hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the said varieties and Plant Variety Protection Certificates;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said varieties and said Plant Variety Protection Certificates in the United States including reissues, and including the right to enforce such rights against any past, present or future violation thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any right, title and interest assigned and transferred hereby.

ASSIGNOR further agrees that it will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the assignment of said Certificates and the perfection of all rights thereto, execute, verify, acknowledge and deliver all such further papers and instruments of assignment and transfer

thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain the listed Certificates and to vest title thereto in said ASSIGNEE or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, an authorized representative of ASSIGNOR has hereunto signed its name to this assignment on the date indicated below.

Date: 1/11/95

Arisix (S.A.)

[Signature]

P DE SAINT RAPT

Print Name

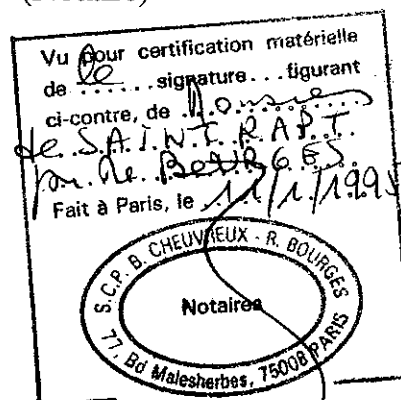
PRESIDENT

Print Title

On this date, _____, 1993, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

Seal/Stamp

(Notaire)



EXHIBIT

Certif. #	Date Status Begins	Crop	Variety Name
7600032	09/15/77	Lettuce	Vanagara
7600039	12/08/77	Lettuce	Morangold
7605018	09/28/77	Marigold	Cabaret Orange
7800028	05/31/79	Muskmelon	Valley Gold
7800033	12/21/78	Radish	Fancy Red
7800086	01/25/79	Lettuce	Deep Red
7900038	01/14/82	Garden Bean	Blue Duet
7900039	07/15/82	Garden Bean	Score
7900066	11/27/79	Cauliflower	Snowball 123
8000020	07/31/80	Muskmelon	Top Net
8000082	12/10/81	Lettuce	Delmar
8100167	3/29/85	Lettuce	Yuma
8100172	09/29/83	Lettuce	Van Mor
8200027	04/23/83	Lettuce	El Toro
8200045	09/23/82	Turnip	Royal Gem
8200061	03/24/83	Watermelon	Sun Gold
8200068	12/30/82	Egg Plant	Little Fingers
8200104	10/28/82	Tomato	Advantage
8200105	11/26/82	Tomato	Moran 3053
8300024	12/30/83	Radish	Red King
8300113	08/31/84	Muskmelon	Top Net SR
8300155	02/22/85	Celery	Bishop
8300156	01/25/85	Celery	Deacon
8300172	11/29/85	Tomato	Harris Morgan 3075
8400013	2/19/88	Lettuce	Greenfield
8600032	03/11/88	Tomato	Murrieta II

Expired

Expired

Expired

ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS, HARRIS MORAN SEED COMPANY, a corporation duly organized and existing under the laws of the State of Maryland, having its principal place of business at 4511 Willow Road, Suite 3, Pleasanton, California 94588 ("Assignor"), has, pursuant to that certain Bill of Sale and Assignment dated as of June 30, 1997, transferred to FERRY-MORSE SEED COMPANY (CALIFORNIA), a corporation duly organized and existing under the laws of the State of California, having its principal place of business at 555 Codoni Avenue, P.O. Box 4938, Modesto, California 95352-4938 ("Assignee"), all of the intellectual property Assignor had adopted, used and was using as of the effective date of this Assignment, including without limitation, the intellectual property represented by the United States Plant Variety Protection Certificates of Assignor identified on Schedule A hereto (collectively, the "Property"); and

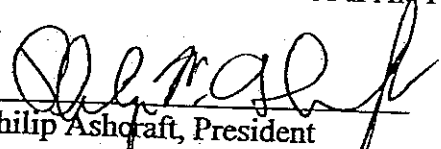
WHEREAS, on the date hereof, Assignee has changed its name to "Harris Moran Seed Company";

NOW, THEREFORE, effective by this instrument as of the close of business on June 30, 1997, and for good and valuable consideration, receipt of which is hereby acknowledged, Assignor hereby assigns to Assignee any and all right, title and interest worldwide in and to the Property and any and all recordations thereof, including, but not limited to, the use of the Property in any manner, all benefit of any and all prior use of the Property, and any and all rights to initiate claims or proceedings for past, present or future infringements of Assignor's rights, title and interest in and to the Property.

Dated: as of June 30, 1997

HARRIS MORAN SEED COMPANY

By:


Philip Ashcraft, President

CERTIFICATE OF AMENDMENT
OF THE
ARTICLES OF INCORPORATION
OF

FERRY-MORSE SEED COMPANY (CALIFORNIA)
(a California corporation)

11400010

ENDORSED
FILED

In the office of the Secretary of State
of the State of California

JUN 30 1997

Bill Jones
BILL JONES, Secretary of State

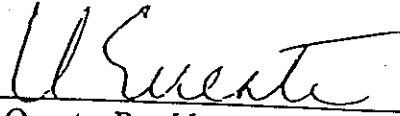
To the Secretary of State
State of California

Pursuant to the provisions of the General Corporation Law of the State of California, the undersigned officers of FERRY-MORSE SEED COMPANY (CALIFORNIA), a California corporation (the "Corporation"), do hereby certify as follows:

1. The name of the Corporation is Ferry-Morse Seed Company (California).
2. Article One of the Corporation's Articles of Incorporation, which relates to the name of the Corporation, is hereby amended in its entirety to read as follows:
 - One. The name of this Corporation is:
HARRIS MORAN SEED COMPANY.
3. The amendment herein provided for has been approved by the Corporation's Board of Directors.
4. The amendment herein provided for was approved by the written consent of the Corporation's sole shareholder in accordance with the provisions of Section 902 of the California General Corporation Law. The total number of outstanding shares of the corporation is 5,000.

IN WITNESS WHEREOF, each of the undersigned does hereby declare under the penalty of perjury that he or she signed the foregoing Certificate of Amendment as of June 30,

1997, in the Town of Modesto, State of California, in the official capacity set forth beneath his or her signature and that the statements set forth in this certificate are true of his or her own knowledge.


Yves Queste, President


Helen Andritsakis, Secretary

State of California

SECRETARY OF STATE



2 PAGES

I, *BILL JONES*, Secretary of State of the State of California, hereby certify:

That the attached transcript has been compared with the record on file in this office, of which it purports to be a copy, and that it is full, true and correct.

IN WITNESS WHEREOF, I execute this certificate and affix the Great Seal of the State of California this

JUN 30 1937



Secretary of State